

Features

- Superminiature, low coil power consumption.
- Switching capacity up to 15A.
- PC board mounting.
- Suitable for household electrical appliance, automation system, instrument and meter.

Ordering Information

NT71 C S 10 DC12V 0.36

1 2 3 4 5 6

1 Part number: NT71 (4123)

4 Contact Current: 5A,7A,10A,15A

2 Contact arrangement: A:1A; B:1B; C:1C

5 Coil rated Voltage(V): DC:3,6,9,12,18,24,48

3 Enclosure: S: Sealed type; NIL: Dust cover

6 Coil power consumption: 0.36:0.36W; 0.45:0.45W

Contact Data

Contact Arrangement	1A(SPSTNO)、1B(SPSTNC)、1C(SPDT(B-M))	
Contact Material	Ag·CdO AgSnO ₂	
Contact Rating (resistive)	5A,10A,15A/120VAC,28VDC; 5A;7A,10A/220VAC ;	
Max. Switching Power	420W 1800VA	
Max. Switching Voltage	110VDC 380VAC	Max. Switching Current:20A
Contact Resistance or Voltage drop	≤50mΩ	Item 3.12 of IEC255-7
Operation life	Electrical	10 ⁵ Item 3.30 of IEC255-7
	Mechanical	10 ⁷ Item 3.31 of IEC255-7

Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance Ω±10%	Pickup voltage VDC(max) (75%of rated voltage)	release voltage VDC(min) (10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
003-360	3	3.9	25	2.25	0.3	0.36	≤10	≤5
006-360	6	7.8	100	4.50	0.6			
009-360	9	11.7	225	6.75	0.9			
012-360	12	15.6	400	9.00	1.2			
018-360	18	23.4	900	13.5	1.8			
024-360	24	31.2	1600	18.0	2.4			
048-360	48	62.4	6400	36.0	4.8			
003-450	3	3.9	20	2.25	0.3	0.45	≤10	≤5
006-450	6	7.8	80	4.50	0.6			
009-450	9	11.7	180	6.75	0.9			
012-450	12	15.6	320	9.00	1.2			
018-450	18	23.4	720	13.5	1.8			
024-450	24	31.2	1280	18.0	2.4			
048-450	48	62.4	5120	36.0	4.8			

CAUTION: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.

2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.

Ambient Temperature
Relative Humidity
Mass

-40~70℃
85% (at 40℃)
11g

IEC68-2-3Test Ca

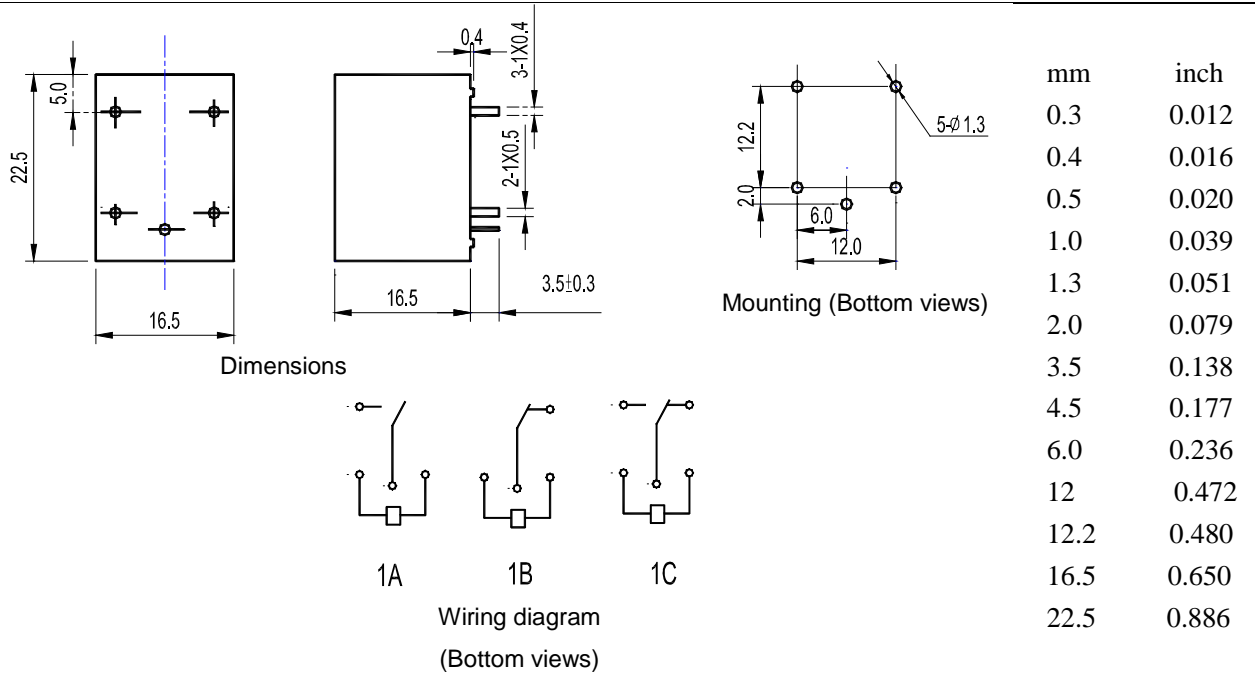
Qualification inspection:

Perform the qualification test as specified in the table IV of IEC255-19-1 and minimum sample size 24.

Safety approvals

Safety approval	UL	CCEE
Load	10A、15A/120VAC 28VDC	6A/250VAC

Dimensions (Unit: mm)



NOTES 1).Dimensions are in millimeter.
2).Inch equivalents are given for general information only.

Reference Data

